

MIAMI-DADE COUNTY, FLORIDA METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1603 MIAMI, FLORIDA 33130-1563 (305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Andersen Corporation 100 Fourth Ave. North Bayport, MN 55003-1096

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Single Outswing and Fixed Fiberglass Clad Wood French Door

APPROVAL DOCUMENT: Drawing No. **DADE-FWO-Impact**, titled "Unit Assembly –Impact FWO Single", sheets 1 through 4 of 4, dated 4/20/00 with revision C dated 9/28/00, prepared by the manufacturer, signed and sealed by Richard Boyette, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 00-1011.01 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No 03-0415.16 Expiration Date: May 19, 2008 Approval Date: May 15, 2003 Page 1

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.

2. Drawing No. **DADE-FWO-Impact** titled "Unit Assembly – Impact FWO Single", sheets 1 through 4 of 4, dated 4/20/00, with revision C dated 9/28/00, prepared by the manufacturer, signed and sealed by Richard Boyette, P.E.

B. TESTS

Submitted under NOA#00-1011.01

- 1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

along with installation diagram of outswing French door, prepared by Architectural Testing Inc., Test Report No. **ATI-02-32062.01**, dated 05/05/00, along with revised marked-up drawings, signed and sealed by Allen N. Reeves, P.E.

Submitted under NOA#99-1019.01

- 2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

along with installation diagram of outswing French door, prepared by Architectural Testing Inc., Test Report No. **ATI-02-31392.01**, dated 08/05/99, and test report addendum letter dated November 17, 2000 and March 23, 2000, along with revised marked-up drawings, signed and sealed by Allen N. Reeves.

C. CALCULATIONS

1. Anchor calculations and comparative analysis, dated 4/09/03.

Submitted under NOA#00-1011.01

2. Anchor verification calculations for outswing wood door under Project #99-0916, dated 09/27/99, and revised on Sept. 13, 2000, prepared, signed and sealed by Richard Boyette, P.E.

Manuel Perez, P.E. Product Control Examiner NOA No 03-0415.16

Expiration Date: May 19, 2008 Approval Date: May 15, 2003

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

D. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **02-0828.15** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB" approved on 11/21/02, expiring on 12/11/05.
- 2. Notice of Acceptance No. 01-0205.02 issued to Solutia Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.
- 3. Test report No.#J98002651-003, dated 03/04/1998 for "Smoke Density" per ASTM E84-94, for "pultrusion". Test Report #J98002653-003 dated 04/27/1998 for "Self-Ignition" per ASTM D1929 and Test Report #J98002658-003 dated 03/05/98 for "Surface Flammability" per ASTM E162-94, issued by Intertek Testing Services, Wisconsin
- 4. Certification letter dated 04/27/2000 identifying "pultrusion" as "fiberglass" material, issued by Intertek Testing Services, Wisconsin, signed by Rocco J. Moro

E. STATEMENTS

1. Statement letter of no change, issued by Andersen Corporation, signed by Chris Richner, dated 4/10/03.

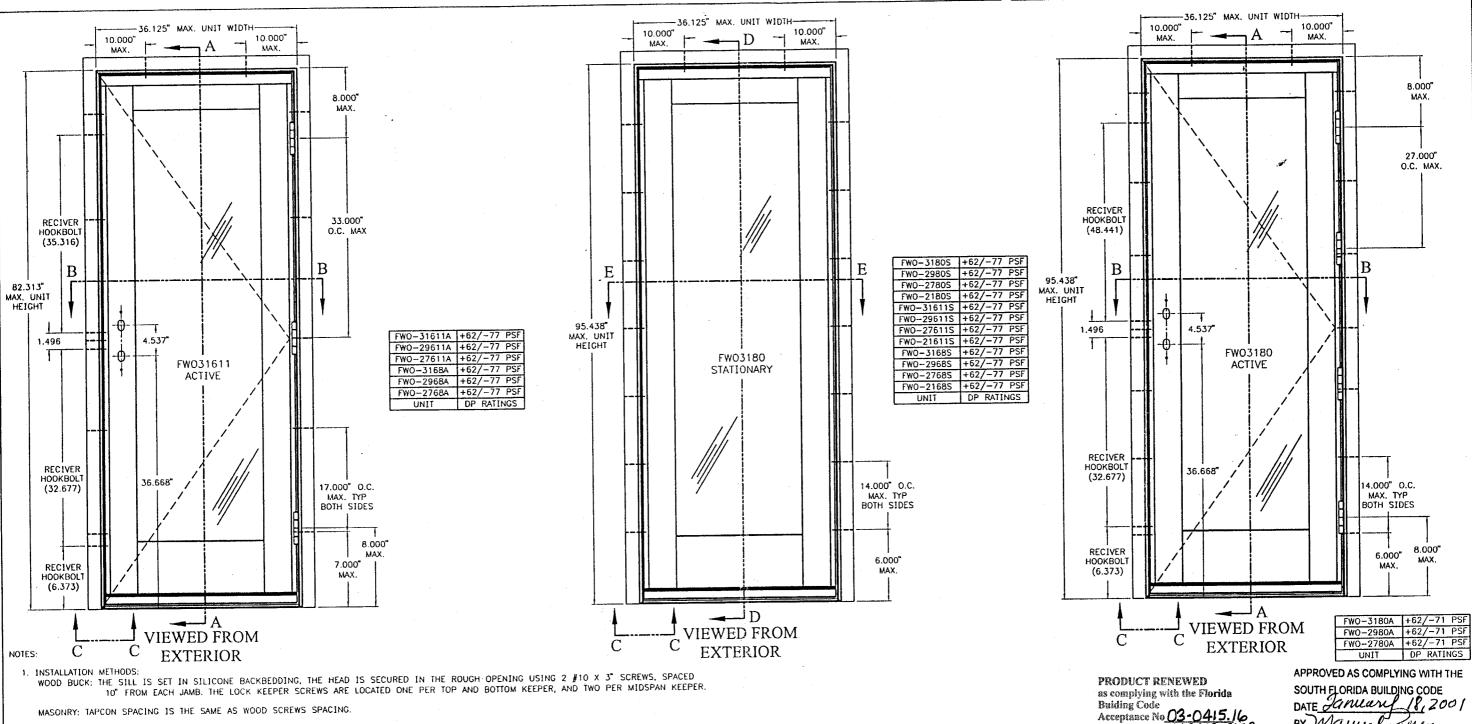
F. OTHER

1. Notice of Acceptance No. **00-1011.01** Andersen Corporation, for their Single Outswing Fixed Fiberglass Clad Wood French Door, approved on 1/18/01 and expiring on 5/16/03.

Manuel Perez, P.E.

Product Control Examiner NOA No 03-0415.16

Expiration Date: May 19, 2008 Approval Date: May 15, 2003



2. GLAZING SPECIFICATIONS:

HEAT STRENGTHENED: THE UNITS ARE GLAZED WITH .410 ASTM NOMINAL (.392 ANDERSEN NOMINAL) GRAY OR CLEAR LAMINATED GLASS, COMPOSED OF ONE 5/32" THICK

HEAT-STRENGTHENED GLASS SHEET WITH A .090" PVB INNER LAYER MANUFACTURED BY DUPONT OR SOLUTIA. AND ONE 5/32" THICK HEAT-STRENGTHENED GLASS SHEET.

ANNEALED: THE UNITS ARE GLAZED WITH 17/32" (.532) NOMINAL GRAY OR CLEAR LAMINATED GLASS COMPOSED ONE 7/32" THICK ANNEALED INNER SHEET WITH A .090" PVB INNER LAYER MANUFACTURED

BY DUPONT OR SOLUTIA AND ONE 7/32" THICK ANNEALED OUTER SHEET.

GLAZING METHOD:

GLASS IS SET FROM THE INTERIOR AGAINST THE SILICONE BEDDING AND THEN THE GLASS IS BACKGLAZED WITH

SILICONE, WOOD STOPS ARE USED ON THE INTERIOR, SECURED WITH 1.250" FINISHING NAILS SPACED 8" ON CENTER.

- CORNERS ARE COPED, BUTTED, GLUED AND THEN FASTENED USING FOUR #10 X 2.500" LONG SCREWS PER HEAD JAMB CORNER AND FOUR #10 X 2.500" LONG SCREWS PER SILL JAMB CORNER.
- 4. PANEL CONSTRUCTION:
- THE WOOD PANELS CONTAIN BLIND MORTISE AND TENON, DOWEL, SCREWED AND GLUED CORNER CONSTRUCTION METAL PANEL-FRAME ATTACHMENT CLIPS ARE LOCATED 10" FROM CORNERS & 17" O.C. MAX. (STATIONARY UNITS ONLY).
- 5. WEATHERSTRIPPING:
- ONE ROW OF SANTOPRENE BULB AT THE PERIMETER OF THE PANEL.
- 6. GLASS BITE: A 0.563" GLAZING BITE WAS UTILIZED ON ALL UNITS.

Acceptance No 03-0415.16 Expiration Date MAY 19, 2008

Mismi Dade Product Control Division

SOUTH FLORIDA BUILDING CODE DATE January 18, 2001 PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 00-1011-01

W

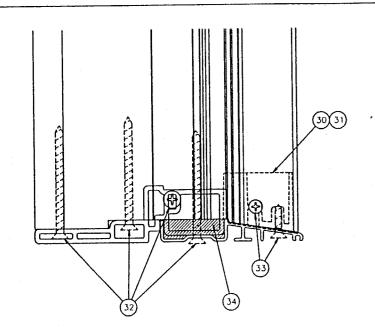
UNIT, ASSEMBLY - IMPACT FWO SINGLE

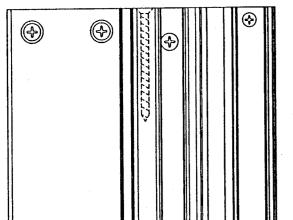
Andersen Corporation

C 9/28/00 B 4/20/00 A 3/6/99 4/20/00

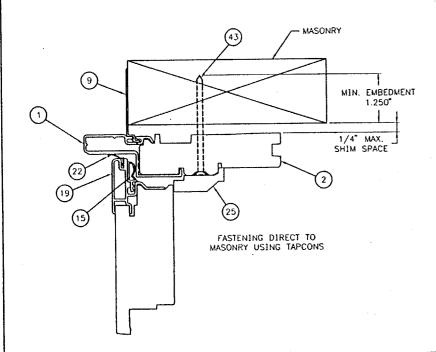
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DRAWING NUMBER DADE-FWO-IMPACT OF





VIEW C-C



10-14	CLIP, STATIONARY PANEL	ATTACHMENT FRAME 10 PANEL (STATIONARY ONLY)		
20-24	SCREW, #8-18 X 1"	ATTACHMENT OF CLIP TO FRAME (STATIONARY ONLY)		
BEAD	SILICONE	ATTACHMENT OF SILL TO ROUGH OPENING		
BEAD	SILICONE	ATTACHMENT OF HEAD TO SIDE JAMBS		
BEAD	SILICONE	ATTACHMENT OF SILL TO SIDE JAMBS		
4	SCREWS, #8 X .500"	ATTACHMENT OF SILL LOCK TO SILL & SIDE JAMBS		
4	SCREWS. #6 X .625	ATTACHMENT OF CORNER LOCKS TO HEAD & SIDE JAMBS		
12-16	SCREWS, #8 X .625"	ATTACHMENT OF HINGE SUPPORT PLATE TO FRAME		
2	SCREWS, #10 X 1.000"	ATTACHMENT OF HOOKBOLT RECIVER TO FRAME		
12-16	SCREWS, #10 X .500"	ATTACHMENT OF HINGES TO FRAME		
2	SCREWS, #10 X 1.000"	ATTACHMENT OF LATCH RECIEVER TO FRAME		
8	SCREWS #10 X 2.500"	ATTACHMENT OF HEAD JAMB TO SIDE JAMB		
8	SCREWS #10 X 2.500"	ATTACHMENT OF SILL TO SIDE JAMB		
SNAP	SNAP FIT	ATTACHMENT OF SIDE JAMB COVER TO SIDE JAMB		
SNAP	SNAP FIT	ATTACHMENT OF HEAD JAMB COVER TO HEAD JAMB		
QTY.	DESCRIPTION	LOCATION		
		CDANE EASTENEDS LIST		

SCREW. #8-18 x 1"	ATTACHMENT OF CLIP TO PANEL (STATIONARY ONLY)		
SILICONE	ATTACHMENT OF TOP RAIL TO STILES		
SILICONE	ATTACHMENT OF BOTTOM RAIL TO STILES		
NAIL. 1.500"	ATTACHMENT OF INSDIE GLASS STOPS TO PANEL		
NAIL, 1.500"	ATTACHMENT OF INSIDE HEAD & SILL GLASS STOPS TO PANEL		
SCREWS. #8 X 2.000"	ATTACHMENT OF LOCK MECHANISM TO PANEL		
	ATTACHMENT OF HINGES TO PANEL		
	ATTACHMENT OF RAILS TO STILES		
	ATTACHMENT OF BOTTOM RAIL TO STILES		
DOWEL, FLUTED 5.000"	ATTACHMENT OF TOP RAIL TO STILES		
DESCRIPTION	LOCATION		
	SILICONE NAIL, 1.500" NAIL, 1.500" SCREWS, #8 X 2.000" SCREWS #10 X 1.500" SCREWS #10 X 5.000" DOWEL, FLUTED 6.500" DOWEL, FLUTED 5.000"		

FWO-3180	34.500	94.069
FWO-2980	30.500	94.069
FWO-2780	28.500	94.069
FWO-2180	22.875	94.069
FWO-31611	34.500	80.944
FWO-29611	30.500	80.944
FWO-27611	28.500	80.944
FW0-21611	22.875	80.944
FWO-3168	34.500	78.069
FWO-2968	30.500	78.069
FWO-2768	28.500	78.069
FWO-2168	22.875	78.069
PANEL	WIDTH	HEIGHT
DES.	7775111	1.2.011
PA	NEL DIMENSIO	DNS ZNO

FW0-2980	32.125	95.438	
FWO-2780	30.125	95.438	
FW0-2180	24.500	95.438	
FW0-31611	36.125	82.313	
FWO-29611	32.125	82.313	
FW0-27611	30.125	82.313	
FW0-21611	24.500	82.313	
FW0-3168	36.125	79.438	
FW0-2968	32.125	79.438	
FW0-2768	30.125	79.438	
FW0-2168	24.500	79.438	
UNIT	WIDTH	HFIGHT	
DES.	11.0111	1.210	
UNIT DIMENSIONS			

FWO-3180 36.125 95.438

FWO-3180	2	7	11	
FWO-2980	980 2 7		11	
FW0-2780	2780 2 7		11	
FW0-31611	31611 2 5		9	
FWO-29611	2	5	- 9	
FWO-27611	2	5	. 9	
FW0-3168	2	5	9	
FW0-2968	2	5	9	
FWO-2768	FWO-2768 2		9	
UNIT DES.	# OF SCREWS THROUGH HEAD JAMB	THROUGH THRO		
ACTIVE UNITS				

FWO-3180	2	7		
FWO-2980	2	7		
FWO-2780	2	7		
FWO-31611	2	5		
FWO-29611	2	5		
FWO-27611	2	5		
FWO-3168	2	5		
FWO-2968	2	5		
FW0-2768	2	5		
UNIT DES.	# OF SCREWS THROUGH HEAD JAMB	# OF SCREWS THROUGH LH & RH JAMB		
STATIONARY UNITS				

	A / A DIAMETED TARCON		STEEL		
43	1/4" DIAMETER TAPCON				
	SCREW, #10-24 UNC X .500 PH FL SS, SND	3622198	STEEL		
42	SCREW, #10-24 UNC X .500 PH FL, SS, TT	3622197	STEEL		
	SCREW, #10-24 UNC X .500 PH FL, SS, WHT	3622196	STEEL		
41	3 POINT LOCKING MECHANISM	52104	STEEL		7.000
40	PLATE, HINGE SUPPORT	57028	STEEL	3.217	3.900
39	CLIP, ATTACHMENT - IMPACT	57075	STEEL GALV.		
38	SCREW, #8-18 X 1"	3620910	STEEL		
37	STAPLE, 1/2" X 3/4" 16GA	4220220	STEEL		
36	FILLER, STATIONARY PANEL	57056	PVC	1.366	0.387
35	PANEL, SILL STOP		PONDAROSA PINE	0.670	0.670
34	SEALANT	MDS0034/35/36	SILICONE		
33	SCREW, #8 X .500"	3269050	STEEL		
32	SCREW, #10 X 2.500"	3621230	STEEL		
31	RIGHT, SILL LOCK	57014	POLYPROPLENE	1.301	1.557
30	LEFT, SILL LOCK	57013	POLYPROPLENE	1.301	1.557
29	STOP, GLAZING STILE	51196	PONDAROSA PINE	0.870	0.875
28	STOP, GLAZING RAIL	51195	PONDAROSA PINE	0.870	0.875
27	SCREW, #10 X 3.000"	PKD0170	STEEL	~	
26	SPACER, 1.000" GLASS	20065	PVC	0.375	0.188
25	PANEL, STOP HEAD	57025	PONDAROSA PINE	0.679	1.500
24	PANEL, STOP SIDE	57041	PONDAROSA PINE	0.679	1,500
23	SEALANT (DOW CORNING)	MDS0012/42	SILICONE	-	_
22	WATERBAR, TOP RAIL	57046	POLYPROPYLENE	0.480	0.450
21	NAIL, 1,500" X 18 GA.	20093	STEEL GALV.	1.500	.049
20	SEALANT (DOW CORNING)	MDS0012/33	SILICONE	_	
19	FILLER, RAIL TOP	57012	FIBERGLASS	1,644	1.572
18	FILLER, RAIL BOTTOM	57011	FIBERGLASS	1.644	1.952
17	FILLER, LOCK STILE	57010	FIBERGLASS	1,118	0.688
16	FILLER, HINGE STILE	57009	FIBERGLASS	1.118	1.609
15	W/S. GASKET	52172	SANTOPRENE	_	_
14	RAIL, TOP	52171	PONDAROSA PINE	4.438	1.719
13	RAIL, BOTTOM	52173	PONDAROSA PINE	8.594	1.719
12	STILE, HINGE	57022	PONDAROSA PINE	4.113	1.719
11	STILE, LOCK	57023	PONDAROSA PINE	4.113	1.719
10	LAMINATED GLASS	04170	_		_
9	FLANGE, HEAD	16073	VINYL	2.166	0.394
8	FLANGE, SIDE	16073	VINYL	2.166	0.394
- -	SEALANT	MDS0034/35/36	SILICONE	-	
6	HINGE ASSEMBLY	57049/50	ZINC STEEL	-	
5	SILL ASSEMBLY	57027	VINYL/ALU	1,147	5.265
4	JAMB, SIDE	57019	PONDEROSA PINE	1.234	4.202
3	COVER, JAMB SIDE	57031	FIBERGLASS	1.210	2.911
	JAMB. HEAD	57018	PONDEROSA PINE	1.234	4.202
2	COVER, JAMB HEAD	57030	FIBERGLASS	1.210	2.911
1	<u> </u>	37030	1 1001/000033		
ITEM NO.	DESCRIPTION	PART	MATERIAL	HEIGHT	WIDTH
DRAWING REFERANCE LIST					

ALL PARTS MANUFACTURED TO ANDERSEN SPECIFICATION AS NOTED BY ABOVE PART NUMBERS

PRODUCT RENEWED as complying with the Florida Buiding Code

Acceptance No 03-0415.16 Expiration Date MAY 16, 2008

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE Jaman 18, 2001 PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-1011-01

W.

UNIT, ASSEMBLY - IMPACT FWO SINGLE

Andersen Corporation
Bayport, Minnesota 55003

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C 9/28/00 B 4/20/00 A 8/6/99 REVISION DRAWING NUMBER 4/20/00 DADE-FWO-IMPACT

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